**Table 1: Modification Table** 

		ole 1: Moo		i Table	•	•	_		
Level_4	L4id	object_id	release	req_type	req_status	verification_ status	verification_ method	CCR	text
CC	S-DMS-10010	8415	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall provide capabilities to search and obtain data across DAACs.
CT	S-DMS-10010		<u>B1</u>						
CC	S-DMS-10020	8416	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall accept and execute Search Requests which require searching across DAACs.
CT	S-DMS-10020		<u>B1</u>						
CC	S-DMS-10030	8417	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall compare received Search Requests to its federated Schema to determine to which LIMs or Data Servers the Search Request must be forwarded and generate a Distributed Query Plan.
CT	S-DMS-10030		<u>B1</u>						The DIMGR CI shall determine which LIMs, Data Servers and Gateways are required in order to satisfy a search request and generate a Distributed Query Plan as a result.
CC	S-DMS-10040	8418	<del>B0</del>	interface	incremental	unverified	test	96-1363A	Upon determining which LIMs are required to complete a Search Request, the DIMGR CI shall send to the requisite LIMs the portions of the original Search Request which apply to them.
CT	S-DMS-10040		<u>B1</u>						
CC	S-DMS-10050	8419	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall monitor the progress of the Distributed Query Plan.
CT	S-DMS-10050		<u>B1</u>						
CC	S-DMS-10060	8420	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall compile and manage the results of the Distributed Query Plan for the client which initiated it.
CT	S-DMS-10060		<u>B1</u>						
CC	S-DMS-10090	8422	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall store, maintain and provide data management services for ECS federated Schema.
CT	S-DMS-10090		<u>B1</u>						
CC	S-DMS-10100	8423	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall provide the capability to

Level_4	L4id	object_id	release	req_type	req_status	verification_ status	verification_ method	CCR	text
									abort any time-intensive operations.
CT	S-DMS-10100		<u>B1</u>						
CC	S-DMS-10110	8424	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall provide the capability to integrate partial results from those LIMs represented in its federated Schema into a complete Result Set.
СТ	S-DMS-10110		<u>B1</u>						The DIMGR CI shall provide the capability to integrate partial results from the underlying LIMs into a complete Result Set.
CC	S-DMS-10120	8425	<del>B0</del>	functional	incremental	unverified	test	96-1363A	In the case of processing failures, upon restart the DIMGR CI shall complete all incomplete transactions without loss of data.
CT	S-DMS-10120		<u>B1</u>						
CC	S-DMS-10130	8426	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall maintain query log files.
СТ	S-DMS-10130		<u>B1</u>						The DIMGR CI shall, for MSS, log events upon receipt and completion of search requests.
CC	S-DMS-10140	12306	B1	functional	incremental	unverified	test	97-0107A	The DIMGR CI shall provide a capability-to-report status of Search Requests submitted to it to MSS.
СТ	S-DMS-10140								The DIMGR CI shall provide a capability-for its clients to obtain status of a query or a search request.
CC	S-DMS-10150	8428	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall support revisions of its federated Schema following Schema changes in the LIMs represented in the DIM's federated Schema.
CT	S-DMS-10150		<u>B1</u>						The DIMGR CI shall support revisions of its <u>LIMs</u> configuration following changes in the underlying <u>LIMs</u> .
CC	S-DMS-10160	8429	<del>B0</del>	interface	incremental	unverified	test	96-1363A	The DIMGR CI shall be able to receive the local Schema of LIMs in its federation from the LIM service.
СТ	S-DMS-10160		<u>B1</u>						The DIMGR CI shall access the DDICT to obtain the collection's level attributes accessible through the underlying LIMs, Data Servers and Gateways.
CC	S-DMS-10310	8443	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall provide the capability to

Level 4	L4id	object_id	release	mag trima	mag status	verification	verification	CCR	tout
Level_4	L410	object_id	release	req_type	req_status	status	method	CCK	text
						Status	method		search for Data Granules of EOSDIS data stored
									across DAACs for specific science disciplines.
СТ	S-DMS-10310		B1						The DIMGR CI shall provide the capability to
			_						return, as a result of a search request, data granules
									of EOSDIS data stored in the underlying Data
									Servers and Gateways.
CC	S-DMS-10330	8445	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall use the User Identifier for the
									user on whose behalf a Service Request is issued as
									the basis for access control decisions.
CT	S-DMS-10330		<u>B1</u>						
CC	S-DMS-10340	12309	B1	interface	incremental	unverified	test	97-0107A	The DIMGR CI shall forward the user's User
									Identifer in any Service Requests that it sends to the
									external entities on behalf of that user
CT	S-DMS-10340								The DIMGR CI shall forward to LIMGRs the
									identification of the user on whose behalf a service
CC	S-DMS-10530	9616	<del>B0</del>	interface	:	unverified	4004	96-1363A	request is being executed.  The DIMGR CI shall send detected hardware and
	3-DM3-10330	9010	<del>BU</del>	interface	incremental	unvermed	test	90-1303A	software fault information to MSS.
CT	S-DMS-10530		B1						software fault information to MSS.
CI	3-DM3-10330		<u>D1</u>						
CC	S-DMS-10540	9619	<del>B0</del>	interface	incremental	unverified	test	96-1363A	The DIMGR CI shall <del>provide</del> configuration
	S-DWS-10340	7017	<del>100</del>	interrace	incrementar	unvermed	iest	90-1303A	management data such as software versions to
									MSS through managed process framework.
СТ	S-DMS-10540		B1						The DIMGR CI shall log the configuration
			==						management data or MSS.
CC	S-DMS-10550	9623	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall support the MSS in
									collecting Accounting Management Data by
									supplying resource utilization data.
CT	S-DMS-10550		<u>B1</u>						
CC	S-DMS-10556	8467	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall provide operations staff with
									the capability to distribute DIMGR CI utilization
									reports eletronically or in hard copy or on electronic
									media.
CT	S-DMS-10556		<u>B1</u>						
CC	S-DMS-10560	9609	<del>B0</del>	interface	incremental	unverified	test	96-1363A	The DIMGR CI shall report Accountability

Level_4	L4id	object_id	release	req_type	req_status	verification_ status	verification_ method	CCR	text
									Management Data (requests such as searches,
									browse requests, orders) to the MSS.
CT	S-DMS-10560		<u>B1</u>						
CC	S-DMS-10570	9627	<del>B0</del>	interface	incremental	unverified	test	96-1363A	The DIMGR CI shall collect Performance Management Data using the MSS managed object components and provide it to the MSS at configurable intervals and on demand.
CT	S-DMS-10570		<u>B1</u>						
CC	S-DMS-10580	9633	<del>B0</del>	interface	incremental	unverified	test	96-1363A	The DIMGR CI shall collect Security Management Data (such as rejected access to a service) and provide it to the MSS.
CT	S-DMS-10580		<u>B1</u>						
CC	S-DMS-10595	9663	<del>B0</del>	interface		unverified	test	96-1363A	The DIMGR CI shall log the startup of the DIMGR servers to MSS.
CT	S-DMS-10595		<u>B1</u>		incremental				
CC	S-DMS-10596	9664	<del>B0</del>	interface		unverified	test	96-1363A	The DIMGR CI shall log the shutdown of the DIMGR servers to MSS.
CT	S-DMS-10596		<u>B1</u>		incremental				
CC	S-DMS-10600	8472	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI data accesses shall be subject to read access control based on user privileges.
CT	S-DMS-10600		<u>B1</u>						
CC	S-DMS-10610	12311	B1	functional	incremental	unverified	test	97-0107A	The DIMGR CI internal data base management Q ueries shall be expressed in a structured query language
CT	S-DMS-10610								The DIMGR CI internal data base management queries to the DDICT CI shall be expressed in SQL.
CC	S-DMS-10650	12312	B1	functional	incremental	unverified	test	97-0107A	The DIMGR CI shall initiate distributed data access and manipulation operations.
СТ	S-DMS-10650								The DIMGR CI shall accept service requests for services available at the underlying Science Data Servers and Gateways.
CC	S-DMS-10660	8475	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall provide the capability establish a session as the context for a series of Service Requests.

Level_4	L4id	object_id	release	req_type	req_status	verification_ status	verification_ method	CCR	text
CT	S-DMS-10660		<u>B1</u>						The DIMGR CI shall provide the capability <u>to</u> establish a session as the context for a series of
GG	G D) (G 10 (00	0.450	Do	C 1				06.12624	requests
CC	S-DMS-10690	8478	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall provide the capability to terminate an established client session.
CT	S-DMS-10690		<u>B1</u>						
CC	S-DMS-10700	8479	B1	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall provide the capability to save the result of a Service Request for later reuse.
CT	S-DMS-10700								The DIMGR CI shall provide the capability to save the result of a <u>search</u> request for later reuse.
CC	S-DMS-10890	8487	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall support multiple concurrent sessions.
CT	S-DMS-10890		<u>B1</u>						
CC	S-DMS-10895	8488	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall support multiple service requests within a session.
CT	S-DMS-10895		B1						
CC	S-DMS-10900	8489	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall provide an application program interface for the submission of Service Requests.
CT	S-DMS-10900		<u>B1</u>						
CC	S-DMS-10910	8490	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall provide an application program interface for the submission of requests for administrative services.
CT	S-DMS-10910		<u>B1</u>						
CC	S-DMS-10915	8491	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall log the initiation of a session.
СТ	S-DMS-10915		B1						
CC	S-DMS-10920	8492	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall log the termination of a session.
СТ	S-DMS-10920		B1						
CC	S-DMS-10960	8495	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall provide the capability for the operations staff to suspend all active sessions.
CT	S-DMS-10960		<u>B1</u>						•
CC	S-DMS-10990	8498	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall send Notifications to users

Level_4	L4id	object_id	release	req_type	req_status	verification_ status	verification_ method	CCR	text
									via email in the event that a users's request or
									session is canceled by operations staff.
CT	S-DMS-10990		<u>B1</u>						
CC	S-DMS-11000	8499	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall provide the capability to restore a session after interruption.
СТ	S-DMS-11000		B1						1
CC	S-DMS-11010	9661	<del>B0</del>	interface	incremental	unverified	test	96-1363A	The DIMGR CI shall log to MSS all Service requests initiated during a session.
СТ	S-DMS-11010		B1						questa estatent a annotag in acasecen
CC	S-DMS-11011	9662	<del>B0</del>	interface		unverified	test	96-1363A	The DIMGR CI shall log the successful completion of each service request to MSS.
CT	S-DMS-11011		<u>B1</u>		incremental				Î
CC	S-DMS-11012	9665	<del>B0</del>	interface		unverified	test	96-1363A	The DIMGR CI shall log to MSS when a service request is activated from the queue.
СТ	S-DMS-11012		B1		incremental				•
CC	S-DMS-11013	9666	<del>B0</del>	interface		unverified	test	96-1363A	The DIMGR CI shall log to MSS when a service request has been successfully decomposed into its component requests.
CT	S-DMS-11013		<u>B1</u>		incremental				•
CC	S-DMS-11017	9671	<del>B0</del>	interface		unverified	test	96-1363A	The DIMGR CI shall log to MSS when the results of the external requests have been integrated and status is about to be sent to the client program.
CT	S-DMS-11017		<u>B1</u>		incremental				
CC	S-DMS-11040	8503	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall log the termination of service requests.
CT	S-DMS-11040		<u>B1</u>						•
CC	S-DMS-11050	8504	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall ensure that databases which are distributed and replicated provide synchronized data.
CT	S-DMS-11050		<u>B1</u>						
CC	S-DMS-11060	8505	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall forward commands to terminate a session to all servers which are a part of that session.
CT	S-DMS-11060		<u>B1</u>						

Level_4	L4id	object_id	release	req_type	req_status	verification_ status	verification_ method	CCR	text
CC	S-DMS-11070	8506	<del>B0</del>	functional	incremental	unverified	test	96-1363A	The DIMGR CI shall accept Subscriptions for DIM data.
CT	S-DMS-11070		<u>B1</u>						
CC	S-DMS-11080	9883	<del>B0</del>	functional	approved	unverified	test	96-1363A	DIMGR CI mode-specific applications shall access data only for the mode in which the application is configured.
CT	S-DMS-11080		<u>B1</u>						
CC	S-DMS-11081	9884	<del>B0</del>	functional	approved	unverified	test	96-1363A	The DIMGR CI shall include the mode identifier in activity log record entries for cost and accounting data.
CT	S-DMS-11081		<u>B1</u>						
CC	S-DMS-11084	9885	<del>B0</del>	functional	approved	unverified	test	96-1363A	DIMGR CI mode-specific applications shall be capable of simultaneous execution in different modes on the same machine.
CT	S-DMS-11084		<u>B1</u>						
CC	S-DMS-11085	9886	<del>B0</del>	functional	approved	unverified	test	96-1363A	DIMGR CI mode-specific applications shall be capable of simultaneous execution in different modes on different machines.
CT	S-DMS-11085		<u>B1</u>						
CC	S-DMS-11086	9887	<del>B0</del>	functional	approved	unverified	test	96-1363A	DIMGR CI server applications shall register within their mode-associated namespace in the CSS name service.
CT	S-DMS-11086		B1						
CC	S-DMS-11087	9888	<del>B0</del>	functional	approved	unverified	test	96-1363A	DIMGR CI client applications shall incorporate a mode identifier for CSS name service lookups.
CT	S-DMS-11087		<u>B1</u>						
CC	S-DMS-11088	9889	<del>B0</del>	functional	approved	unverified	test	96-1363A	The DIMGR CI shall be capable of using simulated time values supplied by CSS when executing in a non-production mode.
CT	S-DMS-11088		<u>B1</u>						
CC	S-DMS-11089	9890	<del>B0</del>	functional	approved	unverified	test	96-1363A	DIMGR CI mode-specific executables and scripts shall accept a specific mode only at startup.
CT	S-DMS-11089		<u>B1</u>						
CC	S-DMS-11100	13821	<del>B0</del>	functional	approved	unverified	test/demo	97-0553A	The DIMGR CI shall ensure that the following calendar transitions are handled completely and

Level_4	L4id	object_id	release	req_type	req_status	verification_	verification_	CCR	text
						status	method		
									accurately:
									a. New Year
									b. New Decade
									c. New Century
									d. Leap Year.
CT	S-DMS-11100		<u>B1</u>						
EOT									

**Table 2: Delete Table** 

	Tubic	2. Delete	Tubic						
Level_4	L4id	Req_ke	release	req_type	req_status	verification	verificatio	CCR	text
		y				_status	n_method		
DEL	S-DMS-10170	<del>8430</del>	<del>B0</del>	<del>functional</del>	incremental	unverified	test	<del>96-</del>	The DIMGR CI shall create a union of the
								1363A	Schemata it receives from LIMs in its federation.
									This union is a federated Schema.
DEL	S-DMS-10180	<del>8431</del>	<del>B0</del>	functional	incremental	unverified	test	<del>96-</del>	The DIMGR CI shall not alter the Schemata it
								1363A	receives from any LIM in creating the federated
									Schema.
DEL	S-DMS-10190	<del>8432</del>	<del>B1</del>	interface	incremental	unverified	test	<del>96-</del>	The DIMGR CI shall subscribe to the LIMs for
								1363A	any changes in LIM Schemata.
DEL	S-DMS-10200	8433	<del>B1</del>	interface	incremental	unverified	test	<del>96-</del>	The DIMGR CI shall subscribe to the Advertising
								1363A	service for any additions or deletions of LIMs
									from its federation.
DEL	S-DMS-10210	8434	<del>B1</del>	functional	incremental	unverified	test	<del>96-</del>	The DIMGR CI shall be able to add a LIM to its
								1363A	federation based on the subscription notifications
									it receives from the Adsvertising service
DEL	S-DMS-10220	8435	<del>B1</del>	functional	incremental	unverified	test	<del>96-</del>	The DIMGR CI shall provide an interface
								1363A	whereby a LIM may be deleted from the
									federation based on the subscription notifications
									it receives from the Adsvertising service
DEL	S-DMS-10240	<del>8436</del>	<del>B0</del>	functional	incremental	unverified	test	<del>96-</del>	The DIMGR CI shall provide a data
								1363A	administration utility for adding, deleting,
									modifying, and expanding an individual Schema.
DEL	S-DMS-10250	12307	<del>B1</del>	functional	incremental	unverified	test	<del>97-</del>	The distributed Schema administrator shall
								<del>0107A</del>	maintain the federated Schema in the DIM.
DEL	S-DMS-10260	8438	<del>B0</del>	functional	incremental	unverified	test	<del>96-</del>	The DIMGR CI shall provide an interface to the
								1363A	DIM administrator client whereby a LIM may be
									added to the federation.
DEL	S-DMS-10270	8439	<del>B0</del>	functional	incremental	unverified	test	<del>96-</del>	The DIMGR CI shall provide an interface to the
								1363A	DIM administrator client whereby a LIM may be
									deleted from the federation.
DEL	S-DMS-10280	8440	<del>B0</del>	functional	incremental	unverified	test	<del>96-</del>	The DIMGR CI shall provide an interface to the
								1363A	DIM administrator client whereby a LIM may be
									replaced in the federation.
DEL	S-DMS-10290	8441	<del>B0</del>	functional	incremental	unverified	test	<del>96-</del>	The DIMGR CI shall provide an interface to the
								1363A	DIM administrator client whereby LIM

Level_4	L4id	Req_ke	release	req_type	req_status	verification	verificatio	CCR	text
		у				_status	n_method		
									information may be retrieved from the federation.
DEL	S-DMS-10300	<del>8442</del>	<del>B0</del>	functional	incremental	unverified	test	<del>96-</del>	The DIMGR CI shall provide the capability to
								1363A	find and retrieve a Schema entry from an
									distributed Schema.
DEL	S-DMS-10460	8458	<del>B0</del>	functional	incremental	unverified	test	<del>96-</del>	The DIMGR CI shall support the interruption of
								1363A	a database administrative or maintenance activity
									and its restart without loss of information.

Table 3: Delink table

RELEASE_TO_L4	RBR_ID	L4_ID
DELINK	<del>IMS-0560#B</del>	S-DMS-10670
DELINK	IMS-0560#B	S-DMS-10680
DELINK	IMS-0560#B	S-DMS-10690
DELINK	IMS-0560#B	S-DMS-10700
DELINK	IMS-0575#B	S-DMS-10690
DELINK	<del>IMS-0575#B</del>	S-DMS-10660
DELINK	IMS-0575#B	S-DMS-10670
DELINK	IMS-0575#B	S-DMS-10680

Table 4: Add link table

RELEASE_TO_L4	RBR_ID	L4_ID
LINK	IMS-0240#B	<u>S-DMS-10120</u>
LINK	<u>IMS-0100#B</u>	<u>S-DMS-10670</u>
LINK	IMS-0100#B	S-DMS-10680
LINK	IMS-0100#B	S-DMS-10690
LINK	IMS-0100#B	S-DMS-11060